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East Retford Rural District

ANNUAL REPORT

ON THE

HEALTH OF THE RURAL DISTRICT

FOR THE YEAR 1959

PRESENTED BY

G. TATTERSALL, M.A., M.B., B.Ch., D.P.H.

MEDICAL OFFICER OF HEALTH

INCLUDING

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR
J. HUNT, C.R.S.I. AND MEAT & FOODS INSP. CERT.



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PUBLIC HEALTH COMMITTEE

(from June 1959)

Chairman : Councillor A. W. Leckenby

Vice-Chairman : Councillor A. J. Gilbert

*Councillor S. Batty	Councillor H. E. Horton
Councillor G.W.K. Benson, M.B.E.	Councillor S. S. Housley, J.P., C.C.
Councillor W. R. Bowness	Councillor J. G. Lawrence
*Councillor G. P. Brooke	Councillor W. C. Marshall
Councillor S. Brown	Councillor R. M. Phillipson
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Councillor J.W.B. Fielding	Councillor C. Robinson
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Councillor G. R. Headland, J.P.	Councillor F. N. Rudder, C.C.
Councillor B. Hird	Councillor A. R. Smithson
*Councillor W. E. Horrocks	Councillor R. O. Wright
Councillor M. W. Horrocks	

* *Life Member.*

PUBLIC HEALTH DEPARTMENT STAFF

<i>Medical Officer of Health</i> :	Dr. R. C. Barker (<i>Resigned August 1959</i>) Dr. G. Tattersall (<i>Appointed</i> <i>1st February 1960</i>)
<i>Chief Public Health Inspector</i> :	J. Hunt, C.R.S.I. (Meat and other foods)
<i>Additional Public Health</i> <i>Inspectors</i> :	E. Storr, C.R.S.I. (Meat and other foods) M. Swinger, C.R.S.I. (Meat and other foods)
<i>Clerical Staff</i> :	
<i>Chief Clerk</i> :	Miss M. Johnson Miss B. Cross Miss J. Smithson (part-time)

PUBLIC HEALTH DEPARTMENT,
CHANCERY LANE,
RET FORD.

Tel. No. RET FORD 561

September, 1960

TO THE CHAIRMAN AND MEMBERS OF THE
EAST RET FORD RURAL DISTRICT COUNCIL :

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present on behalf of Dr. R. C. Barker the Annual Report for the year 1959 on the health and sanitary circumstances of the East Retford Rural District compiled in accordance with the instructions of the Minister of Health.

Dr. R. C. Barker resigned as Medical Officer of Health of the Rural District in 1959 and I am sure you will want to wish her every success in her new appointment.

The mid-year population of the Rural District as estimated by the Registrar General was 23,240, an increase of 250 on the previous year. In the last five years the population of the Rural District has increased by 2,130 persons. It is to be noted, however, that the number of infants born has not increased.

Excluding tuberculosis, there were during the year 339 cases of infectious disease notified and although this is considerably more than in the previous year, it is more than accounted for by notified cases of Measles.

There were three cases of food poisoning notified compared with 43 in 1958.

Tuberculosis : The number of new cases notified were 12, and in addition 7 cases came into the Rural District from other parts of the country.

I am,

Your obedient servant,

G. TATTERSALL,

Medical Officer of Health.

SOCIAL CONDITIONS AND VITAL STATISTICS

Area	111,024 acres
Registrar General's estimated population, mid-year, 1959	23,240
Number of inhabited houses at end of 1959 ..	6,625
Rateable Value, April, 1960	£220,033
Sum represented by Penny Rate at 1st April, 1960	£860

Vital statistics are calculated on the estimated population given by the
Registrar General.

Live Births	T 304	M 159	F 145
Live Birth rate per 1,000 population			13.08
Illegitimate Live Births per cent of total live births			5.26
Still-Births	T 2	M 2	F 0
Still-births rate per 1,000 live and still births.. .. .			6.53
Total live and still births			T 306
Infant Deaths (deaths under 1 year) ..	T 5	M 4	F 1
Infant mortality rate per 1,000 live births			16.44
Legitimate mortality rate per 1,000 Legitimate live births ..			17.36
Illegitimate mortality rate per 1,000 Illegitimate live births			—
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births)			9.86
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births)			3.28
Perinatal Mortality Rate (still-births and deaths under 1 week combined per 1,000 total live and still-births) ..			9.80
Maternal Deaths (including abortion)			—
Maternal mortality rate per 1,000 live and still births ..			—
Deaths from all causes	T 238	M 132	F 106
Death rate per 1,000 population			10.24

T – Total ; M – Males ; F – Females

Causes of Death – 1959

Tuberculosis, respiratory	..	..	..	0
Tuberculosis, other forms	..	..	..	0
Syphilitic disease	..	..	..	0
Diphtheria	..	..	..	0
Whooping Cough	..	..	..	0
Meningo-coccal infections	..	..	..	0
Acute Poliomyelitis	..	..	..	0
Measles	..	..	..	0
Other infective and parasitic diseases	..	..	..	1
Malignant neoplasm, stomach	..	..	..	7
Malignant neoplasm, lung, bronchus	..	..	..	9
Malignant neoplasm, breast	..	..	..	1
Malignant neoplasm, uterus	..	..	..	2
Other malignant and lymphatic neoplasms	..	..	..	13
Leukaemia and aleukaemia	..	..	..	0
Diabetes	..	..	..	1
Vascular lesions of nervous system	..	..	..	40
Coronary disease, angina	..	..	..	27
Hypertension with heart disease	..	..	..	3
Other heart disease	..	..	..	42
Other circulatory diseases	..	..	..	12
Influenza	..	..	..	2
Pneumonia	..	..	..	15
Bronchitis	..	..	..	9
Other diseases of the respiratory system	..	..	..	3
Ulcer of stomach and duodenum	..	..	..	1
Gastritis, enteritis, and diarrhoea	..	..	..	2
Nephritis and nephrosis	..	..	..	2
Hyperplasia of prostate	..	..	..	2
Pregnancy, childbirth, and abortion	..	..	..	0
Congenital malformation	..	..	..	2
Other defined and ill-defined diseases	..	..	..	27
Motor vehicle accidents	..	..	..	7
All other accidents	..	..	..	8
Suicide	..	..	..	0
Homicide	..	..	..	0
Total				238

Causes of Death in Children under 1 year

	Under 24 hrs.	Under 1 week	Under 1 mth.	1-3 mths.	3-6 mths.	6-9 mths.	9-12 mths.	Total
Inhalation Viscus liquor amnii	1	—	—	—	—	—	—	1
Prematurity	1	1	—	—	—	—	—	2
Bronchopneumonia ..	—	—	—	1	1	—	—	2

Table showing Deaths of Children under 1 year
over the last five years

Year	1959	1958	1957	1956	1955
No. of deaths	5	7	7	5	8

Table Showing Vital Statistics 1955 - 1959 (inclusive)

	1959	1958	1957	1956	1955
Population (Mid-Year population as estimated by the Registrar-General)	23,240	22,990	21,820	21,160	21,110
BIRTHS					
Live Births – Legitimate	288	291	283	301	291
Illegitimate	16	17	20	18	14
Still Births – Legitimate	2	9	6	6	7
Illegitimate	—	—	—	1	—
DEATHS					
All Causes	238	226	198	237	219
Maternal Death	—	—	1	—	—
Infantile Deaths (i.e. under 1 year)	5	7	7	5	8
Neonatal (i.e. under 4 weeks)	3	3	5	4	—

PREVALENCE & CONTROL OF INFECTIOUS DISEASES

The following diseases are notifiable to the Medical Officer of Health :

Cholera	Ophthalmia Neonatorum
Diphtheria	Plague
Dysentery	Pneumonia, Acute Primary
Encephalitis (Acute)	Pneumonia, Acute Influenzal
Enteric Typhoid or	Poliomyelitis
Paratyphoid Fever	Puerperal Pyrexia
Erysipelas	Relapsing Fever
Malaria	Scarlet Fever
Measles	Smallpox
Membranous Croup	Tuberculosis
Meningococcal Infection	Typhus
Food Poisoning or suspected	Whooping Cough
Food Poisoning	

The number of cases of infectious disease (excluding Tuberculosis) notified during 1959 was 339. Details of these are as follows :

<i>Disease</i>	<i>Number of Cases</i>
Dysentery	33
Food Poisoning	3
Measles	234
Meningococcal Infection	1
Paratyphoid Fever	1
Acute Pneumonia	8
Scarlet Fever	37
Whooping Cough	22

Tables showing various details about notifiable diseases during the year 1959 are given on pages 11 and 12.

Tuberculosis. There were 19 cases of Tuberculosis notified during the year, of these 12 were primary notifications, i.e. related to persons who had not previously been notified in the area of any authority, and 7 were non-primary notifications, these being transfers from other areas.

A table giving details of new cases and deaths from Tuberculosis is given on page 13.

Laboratory Facilities. Bacteriological examinations were carried out by the Public Health Laboratory at Lincoln. 1,008 specimens comprising urine and faeces were submitted for examination.

Vaccination and Immunisation. This is a personal Health Service and is the responsibility of the County Council. The work is organised by the District Medical Officer of Health as agent for the County

Council. Protective injections are given against Smallpox, Diphtheria, Whooping Cough and Diphtheria (combined), and Poliomyelitis.

Sessions are held at schools and clinics, the work being done by medical officers working for the Public Health Dept. Private medical practitioners also give the injections in their own practices.

Below are the figures showing the number of children who have received protection against Diphtheria, Whooping Cough, Smallpox, and Poliomyelitis :

Prophylactic Measure				By P.H. Dept.	By P.P.
Diphtheria Immunisation					
Primary Immunisation	..	..	..	101	129
Reinforcing doses	..	..	..	119	35
Whooping Cough					
Primary Immunisation	..	..	..	89	126
Reinforcing doses	..	..	..	0	26
Vaccination against Smallpox					
Primary vaccination	..	..	..	49	104
Revaccination	..	..	..	6	11
Vaccination against Poliomyelitis					
Primary vaccination	..	..	..	1,016	661
Reinforcing doses	..	..	..	1,672	432

P.H. Dept. – Public Health Dept.

P.P. – Private Medical Practitioner

Infectious Diseases (Excluding Tuberculosis) Notified in Age Groups — Admitted to Hospital, and Deaths, 1959

DISEASES	At all ages	Under 1 year	1-2 years	2-3 years	3-4 years	4-5 years	5-10 years	10-15 years	15-20 years	20-35 years	35-45 years	45-65 years	65 & over	Age un-known	Admitted to Hospital	Deaths
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	33	1	2	3	2	3	8	6	-	6	1	-	-	1	-	-
Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	3	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	234	6	17	16	19	22	135	17	1	-	-	-	-	1	-	-
Meningococcal Infection	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Paratyphoid Fever	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute Pneumonia	8	-	-	-	-	-	1	-	1	1	-	-	5	-	-	-
Puerperal Pyrexia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	37	-	-	1	3	2	26	4	1	-	-	-	-	-	-	-
Whooping Cough	22	-	-	2	2	4	14	-	-	-	-	-	-	-	-	-
Totals	339	7	19	22	26	32	185	28	3	8	1	1	5	2	-	-

Transferred Death are included in this table.

Infectious Diseases (Excluding Tuberculosis) Notified Month by Month — 1959

DISEASES	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	33	2	9	—	1	2	5	—	1	1	10	—	2
Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	3	—	—	—	—	—	—	—	—	—	2	1	—
Malaria	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	234	30	24	63	51	26	13	26	1	—	—	—	—
Meningococcal Infection	1	—	—	—	—	—	—	1	—	—	—	—	—
Paratyphoid Fever	1	—	1	—	—	—	—	—	—	—	—	—	—
Typhoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	8	2	4	—	—	—	—	1	—	—	—	—	1
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—
Paralytic Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-Paralytic Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	37	6	5	3	3	3	1	1	1	—	1	3	10
Whooping Cough	22	—	—	—	—	—	—	—	—	—	—	13	9
Totals	339	40	43	66	55	31	19	29	3	1	13	17	22

Tuberculosis 1959

Table (a) New Cases and Deaths

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1 year	—	—	—	—	—	—	—	—
1- 2 years	—	—	—	—	—	—	—	—
2- 3 years	—	—	—	—	—	—	—	—
3- 4 years	—	—	—	—	—	—	—	—
4- 5 years	—	—	—	—	—	—	—	—
5-10 years	—	—	—	1	—	—	—	—
10-15 years	1	—	—	—	—	—	—	—
15-20 years	—	1	—	—	—	—	—	—
20-35 years	—	1	—	—	—	—	—	—
35-45 years	—	2	—	—	—	—	—	—
45-65 years	6	—	—	—	—	—	—	—
65 and over	—	—	—	—	—	—	—	—
Totals	7	4	—	1	—	—	—	—

SANITARY CIRCUMSTANCES OF THE RURAL DISTRICT

Water Supplies, Sewerage, Sewage Disposal and Refuse Disposal are the responsibility of the Surveyor, but these services have a very great public health importance. The Surveyor has supplied me with the information about these services for the year.

PUBLIC WATER SUPPLY

A piped water supply is available for the built-up areas in all parishes in the Rural District. At the end of the year, approximately 94.9% of the dwellinghouses in the Rural District were supplied with piped water, equivalent to approximately 94.7% of the population.

There are no public standpipes in the Rural District, and the following tables give details of houses and population supplied and not supplied from the public water supply :

1. Estimated Population of the Rural District	..	..	23,240
2. Estimated Number of Dwellinghouses	..	..	* 6,750
3. Estimated Number of Houses and Population already supplied with piped water supply :			
Number of Houses	..	..	6,338
Population	..	..	22,767
4. Estimated Number of Houses and Population NOT at present supplied with piped water supply :			
Number of Houses	..	..	429
Population	..	..	1,276

* This total includes houses on Crown property at Rampton Hospital, Mattersey Thorpe, and Daneshill R.O.F.

The supply for most of the area north of Retford Borough and also for the majority of the Trentside district is from boreholes in the red sandstone at Everton, and for a large part of the southern area by metered bulk supplies from eight connections with the Lincoln Corporation rising main, which passes through the southern area from Elkesley Waterworks. In addition, small bulk supplies are taken from the Don Valley Water Board, the Isle of Axholme Rural District Council, and the Southwell Rural District Council to supply certain properties on the extreme edges of the District.

During August, pumping was commenced from two new boreholes sunk 1,100 feet deep into the bunter sandstone at Grove, and approximately 69,828,000 gallons were extracted from this source to supply High Marnham Power Station which is now partly operational, and a substantial part of the southern area of the Rural District.

This new source of supply has of course reduced the rate of demand in bulk supplies formerly afforded from the Lincoln Corporation pumping main, from approximately 15.4 million gallons per month to 6.5 million gallons per month, although due to the long dry summer before Grove came into operation the actual consumption from this source was 134,347,000 gallons for the year, compared with 127,698,000 gallons during the previous year.

The construction of a million gallon reinforced concrete reservoir and pumping station at Grove was approaching completion at the end of the year, and work was commenced on the laying of approximately 2,500 yards of 12-inch diameter and 3,300 yards of 9-inch diameter trunk water main from East Drayton to High Marnham Power Station to complete the development scheme.

Pending the completion of the reservoir, water was supplied direct into the existing mains distribution system from August onwards.

A bulk water supply of from 30,000-60,000 gallons per day is supplied to the adjacent Rural District of the Isle of Axholme.

The quantity of water pumped from Everton Pumping Station was 177,104,000 gallons, compared with 181,575,000 gallons during the previous year.

Seventy-six samples of water were taken during the year for routine bacteriological examination from the following sources :

Chlorinated water from East Retford R.D.C. mains	..	39
Chlorinated water from Don Valley Water Board	..	13
Chlorinated water from Lincoln Corporation Supply	..	12
Unchlorinated water from East Retford R.D.C. Pumping Station at Everton	.. .. .	12
		<hr/>
		Total 76
		<hr/>

One sample taken from the Don Valley Water Board supply proved unsatisfactory. This is from a small diameter main through which there is only a very small consumption, and following flushing of the main, subsequent samples proved satisfactory.

The following are reports on the last sample of water taken from the Everton and Grove boreholes for full chemical and mineral analysis :

JOHN EVANS (A. H. ALLEN & PARTNERS)
Public Analyst's Laboratory,
67 Surrey Street,
SHEFFIELD, 1.

REPORT No. 870/57.

REPORT on a sample of Water received from J. Hunt, Esq., Surveyor, East Retford Rural District Council, Council Offices, Grove Street, Retford, on August 8th, 1957.

MARK : Everton Pumping Station, 7. 8. 57.

PHYSICAL EXAMINATION

Appearance	clear and bright
Colour	colourless
Taste.....	normal
Smell.....	none

GENERAL CHEMICAL EXAMINATION	<i>Parts per Million</i>
Reaction pH value	7.6
Free Carbon Dioxide as CO ₂	none
Ammoniacal Nitrogen as N	0.004
Albuminoid Nitrogen as N	0.016
Nitrous Nitrogen as N	none
Nitric Nitrogen as N	4.0
Hardness (calculated from Mineral Analysis) as CaCO ₃	142.7
Temporary	109.7
Permanent	33.0
Permanganate Figures (4 hours at 80°F) as O	0.27
Alkalinity as CaCO ₃	109.7
Total Solids dried at 180°C	185.0

MINERAL ANALYSIS	
Silica as SiO ₂	6.5
Alumina and Iron Oxide	1.0
Calcium as Ca.....	37.2
Magnesium as Mg	12.1
Sodium as Na	8.57
Carbonates as CO ₃	65.8
Chlorides as Cl	15.5
Nitrates as NO ₃	17.7
Sulphates as SO ₄	14.8
Iron as Fe	0.10
Fluorine as F (by the distillation method) ..	0.11

Probable composition of Mineral constituents:	
Silica.....	6.50
Alumina and Iron Oxide	1.00
Calcium Carbonate.....	92.91
Magnesium Carbonate	14.18
Magnesium Sulphate	18.55
Magnesium Chloride	16.66
Sodium Chloride.....	5.11
Sodium Nitrate	24.26
	<hr/>
	179.17
	<hr/>
Calculated Hardness: Temporary	109.7
Permanent	33.0
	<hr/>
	Total 142.7
	<hr/>

for JOHN EVANS (A. H. ALLEN & PARTNERS)
HUGH CHILDS.

October 3rd, 1957.

JOHN EVANS (A. H. ALLEN & PARTNERS).

Public Analyst's Laboratory,
67 Surrey Street,

Report No. 581/58.

SHEFFIELD, 1.

REPORT on a sample of Water received from J. Hunt, Esq., Surveyor,
East Retford Rural District Council, Council Offices, Grove
Street, Retford, on May 19th, 1958.

MARK : No. 2 Borehole at Grove, 19. 5. 58.

PHYSICAL EXAMINATION

Appearance	clear and bright
Colour	colourless
Taste.....	normal
Smell.....	none

CHEMICAL EXAMINATION

Parts per Million

Reaction, pH Value	7.7
Ammoniacal Nitrogen as N	0.004
Albuminoid Nitrogen as N	none
Nitrous Nitrogen as N	none
Nitric Nitrogen as N	0.19
Hardness (Calculated from Mineral Analysis) as CaCO ₃	195.3
Temporary	182.6
Permanent	12.7
Permanent Figure (4 hours at 80°F) as O ..	0.08
Alkalinity as CaCO ₃	182.6
Total Solids dried at 180°C	216.0

MINERAL ANALYSIS

Silica.....	2.0
Alumina and Iron Oxide	2.6
Calcium as Ca.....	30.6
Magnesium as Mg	28.9
Sodium as Na	13.51
Carbonates as CO ₃	109.5
Chlorides as Cl	11.0
Nitrates as NO ₃	0.84
Sulphates as SO ₄	24.7
Iron as Fe	0.08

Probable composition of Mineral constituents:

Silica.....	2.0
Alumina and Iron Oxide	2.6
Calcium Carbonate.....	76.42
Magnesium Carbonate	89.58

Magnesium Sulphate	14.85
Sodium Sulphate	19.00
Sodium Chloride.....	18.05
Sodium Nitrate	1.15
	<hr/>
	223.65
	<hr/>
Calculated Hardness: Temporary	182.6
Permanent	12.7
	<hr/>
	Total 195.3
	<hr/>

For JOHN EVANS (A. H. ALLEN & PARTNERS)
HUGH CHILDS.

June 9th, 1958.

Sewerage and Sewage Disposal

Work continued to proceed on the new sewerage and sewage disposal scheme for the parishes of Everton and Mattersey, but due to excavation in rock sand and the inadequate labour force of the contractor, progress was slow.

The contractor for the house connection contract work in Mattersey was unable to proceed until the late autumn, due to delays in completing and commissioning the pumping station at Mattersey, but a commencement was made on this work towards the end of the year.

In October, tenders were invited for the house connection work in Everton, but due to similar delays in this parish in connection with ejector stations and pumping stations, this work had not commenced at the end of the year.

Satisfactory progress has been maintained on the sewerage and sewage scheme for the parishes of Tuxford and East Markham, although a considerable quantity of excavation in rock was necessary, and in October tenders were invited for work of house connections in these two parishes to the sewers, and satisfactory progress was being made on this work at the end of the year.

The Council invited tenders in August 1959 for the new sewerage and sewage disposal scheme for the parishes of Misterton, Walkeringham, and Beckingham (revised total cost £182,026), and it is anticipated that work will commence on this scheme early in 1960.

If the site at West Burton contemplated by the Central Electricity Generating Board to be used as a site for a Power Station becomes a concrete project, the completion of this scheme would enable the Council to provide a considerable number of houses which would obviously be required in connection with such a project in these three urbanised Trent-side parishes.

When the work at Tuxford and East Markham, Everton and Mattersey is substantially completed and satisfactory progress being made at Misterton, Walkeringham, and Beckingham, the Council should urge the Ministry to give approval to proceed with schemes already approved in principle for the parishes of Hayton, Claborough, Ranskill, and Torworth.

A preliminary survey is being carried out in a further fourteen parishes, and a report will be made early next year on a further phase of sewerage development for these parishes.

Normal maintenance work was carried out on existing sewage disposal works and small self-contained plants on twenty-two Council House estates, in addition to sewer dykes in other parishes, with which it is almost impossible to show any improvement due to the increased discharges of effluent from modernised houses, septic tanks, etc.

PUBLIC SCAVENGING

Complete scavenging including the emptying of dustbins, privies and ashpits, pail closets and cesspools, is carried out in the parish of Tuxford by contract.

Due to delay in the completion of the deep drainage scheme for Tuxford, little progress was able to be made during the year in the conversion of pail closets and privies to water closets, but it is anticipated that the majority of these will be converted during 1960 and 1961, and it is then anticipated that the scavenging of dry household refuse in this parish will be carried out by direct labour.

House refuse collection is carried out throughout the remaining 53 parishes in the Rural District by direct labour, where a collection is made approximately every eight to nine days.

The Council employ three refuse collection vehicles (one 18-cubic yard fore and aft tipper, and two 10-cubic yard side loaders) for this work, employing ten workmen.

Tips are in use at Walkeringham, Ranskill, Finningley, Haughton, and Headon which are semi-controlled, but due to the scattered nature and intermittent use of these sites, difficulty arises in their proper maintenance.

With the need during next year of absorbing the parish of Tuxford in the Council's comprehensive direct labour scheme, provision will have to be made for one additional vehicle, particularly due to the gradual growing number of both Coal Industry Housing Association Houses, Council Houses, and increasing number of Private Enterprise Houses.

The approximate total quantity of refuse collected and disposed of on tips was 5,515 tons.

INSPECTION AND SUPERVISION OF FOOD AND FOOD PREMISES

Food and Drugs Act, 1955

Details of the work carried out by the Public Health Department during the year are given in the report of the Chief Public Health Inspector.

The Food and Drugs Act, 1955, provides for the sampling of food and drugs for analysis or for bacteriological or other examinations. The Notts County Council is the authority responsible for these duties and I am grateful to Mr. Gregory, Chief Inspector, Foods and Drugs, for a report of the Public Analyst upon articles analysed during the year. Samples were obtained and the results are given on page 23.

FACTORIES ACT, 1937

The tables on pages 21 and 22 give a summary of the work with respect to matters under Part 1 of the Factories Act, 1937.

NATIONAL ASSISTANCE ACT (1948) AND NATIONAL ASSISTANCE (AMENDMENT) ACT, 1951

These Acts provide for the removal to suitable premises of persons in need of care and attention. No action under these Acts was taken during the year but assistance in getting persons into hospital on a voluntary basis was given.

FACTORIES ACT, 1937

1.— **INSPECTIONS** for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	25	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	57	37	4	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	—	—	—	—
TOTAL	82	37	4	—

FACTORIES ACT, 1937

2.-CASES IN WHICH DEFECTS WERE FOUND

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	Referred By H.M. Inspector	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3) ..	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6) .	—	—	—	—	—
Sanitary Conveniences (S.7) —	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	2	1	—	1	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) ..	4	3	—	—	—
TOTAL ..	6	4	—	1	—

Food and Drugs Act, 1955

Particulars of samples examined and/or analysed during the year ended
31st December, 1959

Article	Number of Samples			Adulterated or sub-standard samples	
	Obtained	Genuine	Adult'd or Sub- Standard	Result of Examination and/or analysis	Remarks
Cod Liver Oil	1	1	—	1. Contained 13% added water. 2. ditto 13.6% 9 samples were found to be very slightly defi- cient due to natural causes. Slightly deficient in meat.	Producer prose- cuted, fined £5, and ordered to pay £6.12. costs. ditto Appropriate action was taken in these cases. Manufacturer cautioned.
Fruit Salad, canned ..	1	1	—		
Fruit Salts	1	1	—		
Gin	1	1	—		
Margarine	1	1	—		
Meat Paste — Ham and Tongue	1	1	—		
Milk	145	134	11		
Pickle	1	1	—		
Rum	4	4	—		
Sauce	1	1	—		
Stewed Steak, canned	2	2	—		
Sausage, Pork	4	3	1		
Steak & Kidney Pie ..	1	1	—		
Sweets	1	1	—		
Tomato Puree	1	1	—		
Tonic Water	1	1	—		
Vanilla Flavouring ..	1	1	—		
Whisky	4	4	—		
TOTALS	172	160	12		

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR

To the Medical Officer of Health :

Sir,

I hereby present to you my report on the work done during 1959.

HOUSING

Inspections, etc., were carried out under the Housing Acts for the following purposes :

1. Repair and demolition of houses	371
2. Improvement Grants	373
3. Applications for Council Houses	5
4. Interviews with owners other than at office	164
5. Inspections in connection with Certificates of Disrepair..	18

Housing Act, 1957

Section 9

No houses were dealt with formally under Section 9.

No. of houses dealt with by informal action	76
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Housing act, 1957

Section 16

1. No. of dwellings represented prior to 1st January, 1959, upon which no formal action had been concluded	50
2. No. of Demolition Orders made in respect of dwellings included in (1) above	28
3. No. of Undertakings to Re-construct accepted in respect of dwellings included in (1) above	2
4. No. of Undertakings included in (3) above complied with (conversion of two dwellings into one)	Nil
5. No. of Undertakings not to use for human habitation accepted in respect of dwellings included in (1) above	2
6. No. of dwellings included in (1) above which the Council are negotiating to purchase	2
7. No. of dwellings included in (1) above on which formal action has not been concluded	16
8. No. of dwellings represented as unfit to Council between 1st January, 1959, and 31st December, 1959	20
9. No. of Demolition Orders made in respect of dwellings included in (8) above	6

10. No. of Undertakings to Re-construct accepted in respect of dwellings included in (8) above.	Nil
11. No. of Undertakings not to use for human habitation accepted in respect of dwellings included in (8) above.	Nil
12. No. of dwellings included in (8) above which the Council are negotiating to purchase	4
13. No. of dwellings included in (8) above upon which consideration has been deferred.	Nil
14. No. of dwellings included in (8) above in respect of which "Time and Place" notices have been served.	8
15. No. of dwellings included in (8) above in respect of which "Enquiries" have been served.	3
16. No. of houses demolished as a result of Demolition Orders and Representations	26
17. No. of houses closed as a result of Representations.	Nil

SLUM CLEARANCE — SUMMARY

Estimate of Number of Unfit Dwellings

Proposals submitted to Minister in 1955

No. of unfit houses to be dealt with.	981	205 first
Period of time	12-14 years	five years

No. of houses already dealt with up to December 1959

	<i>Confirmed</i>	<i>Awaiting Confirmation</i>
(a) As Clearance Areas	Nil	Nil
(b) As individual unfit houses	199	33

No. of houses remaining to be dealt with

732 less 12 voluntarily re-constructed during year.	720
No. of houses still occupied with confirmed Demolition Orders	75

Overcrowding

One case of overcrowding was reported and abated as a result of informal action during the year.

Improvement Grants

1. No. of applications for grants received	40
2. No. of application approved	37
3. No. of applications rejected.	2

4. No. of applications referred back for revision	2
5. No. of applications approved after re-submission included in (2) above	1
6. Total value of grants approved (£12,392. 0. 0. in 1958)	£9,311. 10. 0.
7. Average grant per dwelling (£258. 3. 1½. in 1958)	£251. 7. 10.
8. No. on improvement schemes certified complete..	41
9. Average grant in respect of schemes completed in (8) above	£277. 16. 1.

Of the 37 grants approved during the year 24 (64.86%) were in respect of dwellings which were let or intended to be let.

Of the 41 schemes which were certified as completed during the year 18 (43.9%) were in respect of dwellings which were let or intended to be let.

Housing (Financial Provisions) Acts

Two applications for subsidy in respect of agricultural workers' dwellings were approved; four applications for loans to build new houses or acquire existing houses were also approved, and three applications for guarantees through building societies were accepted.

New Houses

The following additional units of housing accommodation were completed during the year :

(a) Council Houses	64
(b) Private Enterprise Houses including provision with subsidy	36
(c) Units by conversion schemes	1
(d) Housing Associations	22
(e) Government Departments	6
	<hr/>
	Total 129
	<hr/>

At the end of the year 39 Council Houses and/or Bungalows were under construction and 41 Private Enterprise Houses or Bungalows, 64 by Housing Associations and 4 by Government Departments.

Public Health Act, 1936 — Sections 268 and 269

Temporary Movable Dwellings

1. New licences issued during the year	9
2. Existing licences renewed	45
3. Licences refused	2

SANITARY & HOUSING REPAIRS & IMPROVEMENTS EFFECTED

	<i>Notices Served</i>	<i>Complied With</i>
Housing Defects		
Structural repairs to roofs, walls, etc.	3	1
Defective eavespouts and fallpipes	18	15
Defective chimney-stacks	9	7
Floors repaired or renewed	49	26
Defective roofs	14	15
Cooking ranges and fireplaces renewed or repaired..	25	21
Defective outbuildings	4	4
Pointing to external brickwork	15	11
Windows repaired, renewed, or made to open	77	44
Sinks renewed or provided	9	4
Wall and ceiling plaster repaired	63	43
Paving repaired or renewed	11	4
Doors and staircases repaired	20	19
Drainage		
Obstructed drains liberated	9	9
Defective drains repaired	10	7
Leaking or overflowing cesspools and septic tanks..	6	3
Drains renewed	26	13
Septic tanks provided.....	10	4
Sanitary Conveniences		
Pan closets converted to water closets	57	48
Privies and ashpits repaired	—	—
Privies converted to water closets.....	16	12
New water closets	6	3
Closets cleansed	—	—
Water		
Water services repaired	6	5
New piped water supplies	8	1
Miscellaneous		
Offensive accumulations removed	10	6
Verminous premises disinfested	2	2
Smoke nuisance abated	—	—

FOOD HYGIENE REGULATIONS

The following is a summary of the various food premises in the Rural District :

Grocers and General Shops	..	..	83
Bakehouses .. .. .	..	..	3
Butchers .. .. .	..	..	16
Fried Fish and Chips .. .. .	..	..	7
Greengrocers and Fruiterers .. .. .	..	..	2
Sweets, Minerals, etc. .. .. .	..	..	11
Ice-Cream Roundsmen .. .. .	..	..	1
Private Hotels, Guest Houses .. .. .	..	..	2
Clubs and Institutes .. .. .	..	..	3
Cafes, Tearooms .. .. .	..	..	11
H.M. Forces Canteens .. .. .	..	..	2
Works Canteens .. .. .	..	..	5
School Meals Service .. .. .	..	..	34
Private Schools .. .. .	..	..	2
Hotels, Public Houses, Inns, etc. .. .. .	..	..	72
			<hr/>
			Total 254
			<hr/>

Of these premises 73 are registered for the retail sale of wrapped ice-cream, compared with 67 in 1958.

Five hundred and twenty-seven inspections and 67 re-inspections were made of food premises.

The following table summarises the progress with this work and also indicates an overall picture of the improvements effected :

	<i>Outstanding from last year</i>	<i>Served During year</i>	<i>Complied with</i>
Informal Notices requiring attention to:			
Provision of impervious surfaces to walls and/or ceilings	—	—	—
Provision of light and ventilation	3	—	3
Provision of sinks and drainage	7	8	9
Provision of hot and/or cold water	9	12	10
Provision of impervious work tables	—	—	—
Provision of sanitary accommodation	—	—	—
Provision of ‘Wash Your Hands’ Notices	1	—	1
Provision of Clothes Lockers	—	—	—
Provision of Soap, Towels, etc... .. .	1	—	1
Provision of covered display cabinets	2	2	6
Provision of storage containers (inedible offal, etc.)	2	7	1

	<i>Outstanding from last year</i>	<i>Served During year</i>	<i>Complied with</i>
Informal Notices requiring attention to:			
Provision of sanitary accommodation to licensed premises	5	6	6
Cleansing choked drains	1	2	1
Clearing accumulation of refuse	—	—	—
Exclusion of domestic animals	1	—	—
Ratproofing food rooms	—	—	—
Adequate canteen facilities	—	1	—
Smoking in food room	—	—	—
Provision of First-Aid Equipment	—	—	1
Unclean Premises	—	2	1
Unclean Equipment	—	2	—
Disposal of Steam or Effluvia	—	—	—
Defective cooking range.. .. .	1	1	—
Structural repairs	—	—	—
Damp/defective wall plaster	2	—	1
Defective floors	2	4	4
	—	—	—
	37	47	45
	—	—	—

Excluding village public houses and 34 school premises, there are only 148 food premises in the district including small one-man village shops; visits have been made to these, and in almost every case appropriate advice has been given regarding the clean and safe handling of food.

FOOD (MILK)

(a) *Food and Drugs (Milk and Dairies) Act, 1944.*

No. of Milk Distributors (being persons trading as dairymen from premises other than dairy farms).. .. . 13

No. of dairies (not being dairy farms) Nil

(b) *The Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations, 1949.*

(i) *Pasteurised Milk.*

No. of Supplementary licences for the sale of pasteurised milk issued in the year 3

No. of Dealers licences for the sale of pasteurised milk issued in the year 10

(ii) <i>Serilised Milk.</i>	
No. of Supplementary licences for the sale of sterilised milk issued in the year	3
No. of Dealers licences for the sale of sterilised milk issued in the year	7
(c) <i>The Milk (Special Designations) (Raw Milk) Regulations, 1949.</i>	
(i) No. of Dealers licences for the sale of Tuberculin Tested Raw Milk issued in the year	7
(ii) No. of Supplementary licences for the sale of Tuberculin Tested Raw Milk issued in the year	3

MEAT

The arrangements made between the Council and the East Retford Corporation for the management and maintenance of the Retford Co-operative Society's Grove Lane Abattoir in Retford Borough continued to operate satisfactorily during the year.

Slaughtering is carried out daily by a company formed by the Retford and District Butchers' Association on behalf of meat traders from districts much further removed.

Mutual arrangements made between the two Councils for assistance in meat inspection have continued to operate very smoothly and satisfactorily, and it is very gratifying to the department to know that all carcasses and offal intended for food over a very wide scattered area are inspected immediately after slaughter.

There are no private slaughterhouses in the Rural District.

Three hundred and forty-three visits were made by the Council's Inspectors in connection with meat inspection at the central slaughterhouse in Retford Borough.

With the coming into force of the Slaughterhouse (Hygiene) Regulations, 1958, it is obvious that certain structural alterations and additions will be required, in addition to additional equipment, at the joint slaughterhouse premises in Retford Borough, and as these premises are at present only occupied on short lease, it would appear desirable for the two Councils jointly to seriously consider the acquisition of the abattoir and grounds, or at any rate to negotiate a longer lease, to justify the expense which should be laid out at these premises to satisfactorily meet the new Regulations.

The following food was condemned as being unfit for human consumption :

Corned Beef	12 lb.
Tinned Ham	41 lb.
Luncheon Meat	4 lb.
Beef	207 lb. (3 hind-quarters)

Details of stock slaughtered at the central slaughterhouse in Retford together with details of meat condemned are recorded in the report of the Public Health Inspector for the Borough of East Retford.

Prevention of Damage by Pests Act, 1949

No. of Properties inspected as a result of :	<i>Local Authority</i>	<i>Dwelling Houses</i>	<i>Business Premises</i>	<i>Total</i>
(a) Notification and/or complaint	9	63	7	79
(b) Survey under Act	25	—	52	77
(c) Otherwise (when visited prim- arily for other purposes) ..	21	173	193	387
* Total inspections and re-inspections ..	130	372	271	773

* This number includes inspections of a part-time rodent officer in addition to those by Public Health Inspectors.

No. of infested properties treated..	34	77	7	118
--------------------------------------	----	----	---	-----

A charge of 8/- per hour to include cost of labour, materials, and travelling is made in respect of business premises.

INFECTIOUS DISEASES

All houses at which cases of notifiable Infectious Disease requiring investigation have occurred have been visited and disinfection has been arranged in appropriate cases.

Cases of Infectious Disease requiring removal to hospital were sent to various Isolation Hospitals as arranged by the Sheffield Regional Hospital Board.

Disinfection in appropriate cases is carried out on an agency basis by the East Retford Corporation, bedding, etc. being removed where necessary for steam disinfection in Doncaster.

One thousand and thirty-four visits and re-visits were made to premises from which suspected or notifiable diseases were received during the year, but by far the greatest number of these were in connection with follow-up work following cases of food poisoning or suspected food poisoning and dysentery.

Thirty-three cases of dysentery and three cases of food poisoning were notified, and from the total number of visits it will be seen to what extent even a small number of such cases cause a large amount of work, with consequent travelling, and it is more than ever necessary to attempt to improve the standards of food hygiene both at food premises and householders in the private home.

SUMMARY

Inspections and Visits

Houses (Public Health Acts)	..	..	..	..	222
Houses (Housing Act, 1956 – Repair and Demolition)	..				371
Houses (Housing Act, 1956 – Improvement Grants)	..				373
Houses (Applications for tenancies)	..	..	..		5
Houses (Housing Act, 1957 – Certificates of Disrepair)	..				18
Temporary Movable Dwellings	..	..	..	..	171
Food Premises	..	..	..	..	527
Food Complaints	..	..	..	..	2
Complaints and Nuisances investigated	..	..	..		130
Unsound Food	..	..	..	..	9
Knackers Yards	..	..	..	..	21
Meat Inspection	..	..	..	..	343
Offensive Trades	..	..	..	..	17
Factories and Workshops	..	..	..	..	34
Refuse Collection and Disposal	..	..	..	..	279
Infectious Diseases	..	..	..	..	1,034
Infestation	..	..	..	..	27
Atmospheric Pollution	..	..	..	..	4
Water, Watercourses (including samples)	..	..	..	..	4
Drainage (including drain tests)	..	..	..	..	414
Interviews on sites : Housing	..	..	..	..	164
Food Premises..	..	..	..	..	71
Others	..	..	..	..	107
Petrol Regulations	..	..	..	..	36
Attendance at Court, Inquiries, etc.	..	..	..	..	3
Miscellaneous	..	..	..	..	51
					<hr/> Total 4,576 <hr/>

J. HUNT,

Chief Public Health Inspector.

SERVICES PROVIDED BY OTHER AUTHORITIES

NATIONAL HEALTH SERVICE

(a) Hospital and Specialist Services (Part II National Health Service Act, 1946)

The Sheffield Regional Hospital Board is responsible for the hospitals serving East Retford Borough and Rural District through a Hospital Management Committee. There are three hospitals :

Victoria Hospital, Worksop ;
Kilton Hospital, Worksop ;
Retford and District Hospital, Retford ;

and the Worksop and Retford Hospital Management Committee carries out the day to day administration of these hospitals.

(b) Health Services provided by Local Health Authorities

The Nottinghamshire County Council provides the following services under Part III of the National Health Service Act, 1946 (Dr. C. W. W. Jeremiah, County Medical Officer and Principal School Medical Officer)

1. Care of Mothers and Young Children.
2. Domiciliary Midwifery.
3. Home Nursing.
4. Health Visiting.
5. Vaccination and Immunisation.
6. Ambulance Service.
7. Prevention of illness, care, and after-care of persons suffering from illness.
8. Home Help.
9. Mental Health.

Care of Mothers and Young Children

Antenatal and Child Welfare Clinics were held in eight villages.

A list of the villages at which Clinics are held can be seen on page 35.

The Maternity and Child Welfare Centre in the Market Square, Retford, is available to those parents living in nearby villages.

Your Medical Officer of Health attends some of the Centres.

Domiciliary Midwifery

Mothers may have their babies at home or in hospital, this depending on various factors, medical and social. If the mother has her baby at home, then she is usually attended by a midwife who will call in a doctor if required, this usually being the family doctor.

Home Nursing

This is a service which provides for the nursing at home of chronic patients and of the less serious forms of acute illness where the family doctor requests it. It is carried out by the Retford and District Nursing Association.

Health Visiting

Health Visitors are State Registered Nurses with knowledge of midwifery, who have attended a whole-time course in Public Health work and received the Health Visitor's Certificate. Their duties are in respect of the Personal Health Services. They work in the Maternity and Child Welfare Clinics and do routine visiting of their districts, advising on prevention of illness and maintenance of health.

Vaccination and Immunisation

The Vaccination and Immunisation Service is administered for the County Council by the District Medical Officer of Health, acting as the agent of the County Council.

Ambulance Service

The main ambulance station is situated in the Retford Borough and the vehicles comprise four ambulances and two dual-purpose vehicles, which will carry six sitting cases or three sitting cases and one stretcher.

The Station Supervisor is Mr. E. J. Parker. Office: Exchange Street, Retford. Telephone No. Retford 400.

Home Help

The Office is in Chancery Lane, Retford. This most useful service provides domestic help where, on account of illness, age, or other domestic reasons, it is required.

(c) Provision of General Medical and Dental Services, Pharmaceutical Services, and Supplementary Ophthalmic Services (Part IV National Health Service Act, 1946)

THE SCHOOL HEALTH SERVICE

The School Health Service (known as the School Medical Service until 1945) started officially in 1908, but its growth was greatly increased by the Education Act of 1944 and the National Health Service Act of 1946.

The County Council as the local Education Authority is responsible for the School Health Service.

NATIONAL ASSISTANCE ACT, 1948

The County Council provides a welfare service for the aged and handicapped persons. The District Officer is Mr. J. Barrow, Grove Street, Retford. Telephone No. Retford 232.

Attendances at Maternity and Child Welfare Centres 1959

Village	Attendances			Medical Consultations
	Children	Expectant Mothers	Post-Natal Cases	
Dunham-on-Trent	326	2	—	105
Gringley-on-the-Hill	456	—	—	91
Mattersey	281	2	—	97
Misterton	824	10	—	201
Ranskill	203	4	—	72
South Leverton	502	1	—	206
Tuxford	897	4	—	166

Times of Clinics can be obtained from the Health Visitor or the Maternity and Child Welfare Centre, The Market Square, Retford.

INFECTIONOUS DISEASES 1959

[illegible]

